BACHELOR OF SCIENCE DEGREE (B.S.) IN GEOGRAPHY---
METEOROLOGY - CLIMATOLOGY CONCENTRATION

ASU School of Geographical Sciences

2007-2008 CURRICULUM CHECK SHEET

120 Total	45 Upper Div.	56 4-YR. Schools	30 ASU	2.0+ GPA

ASU GENERAL STUDIES & CLAS REQUIREMENTS			
Course	Upper Div.	"c" or better	DONE?
First Year Composition			
ENG 101 First-Year Composition		Yes	
ENG 102 First-Year Composition		Yes	
Literacy & Critical Inquiry (L)--writing intensive courses			
GCU 496 (L) Geog. Research Methods	Yes	Yes	
(L) **			
Mathematics (MA) & Computer/Statistics (CS)			
MAT 270 (MA) Calculus I		Yes	
GPH 370 (CS) Geographic Info. Tech.	Yes	Yes	
Upper Division Social & Behavioral (SB) or Humanities (HU)			
(SB) ** or (HU) **	Yes	Yes	
Humanities (HU)			
(HU) **			
(HU)			
Social & Behavioral (SB)			
GCU 102 (SB) Intro. to Human Geography		Yes	
GCU 121 (SB) World Geography		Yes	
University Physics Courses I & II--with labs (SQ)			
PHY 121 & 122 Mechanics		Yes	
PHY 131 & 132 Electricity & Magnetism		Yes	
Awareness Areas			
U.S. Cultural Diversity (C) **			
Global (G)--GCU 121 World Geography		Yes	
Historical (H) **			
Science and Society			
**		Yes	
**	Yes	Yes	

** Certain Geography courses fulfill these requirements

GEOGRAPHY B.S. & METEOROLOGY-CLIMATOLOGY REQUIREMENTS			
Course	Upper Div.	"c" or better	DONE?
Core Geographic Knowledge			
GPH 111 Intro. to Physical Geography		Yes	
GCU 102 Intro. to Human Geography		Yes	
GCU 121 World Geography		Yes	
Core Geographic Skills			
GPH 371 Intro. to Cartography	Yes	Yes	
GPH 491 Geographic Field Methods	Yes	Yes	
GCU 495 # Quant. Methods in Geography	Yes	Yes	
GCU 496 ~ Geographic Research Methods	Yes	Yes	
Meteorology & Climatology courses			
GPH 213 & 215 Intro. to Clim. (w/ lab)		Yes	
GPH 409 Synoptic Meteorology I	Yes	Yes	
GPH 410 Synoptic Meteorology II	Yes	Yes	
1 of the following 3 courses: GPH 412	Yes	Yes	
(Physical Climatology), 413 (Met. Instruments), 414 (Climate Change)			
Additional Requirements			
GPH 370 Geographic Info. Technologies	Yes	Yes	
MAT 271 Calculus II		Yes	
MAT 272 Calculus III		Yes	

Required for National Weather Service (NWS) Certification			
GPH 474 Dynamic Meteorology I	Yes	Yes	
GPH 475 Dynamic Meteorology II	Yes	Yes	
MAT 274 Differential Equations			

"c" or better required in all Geography courses

MAT 119 or higher prerequisite
~ GPH 371, GPH 491, & GCU 495 prerequisites